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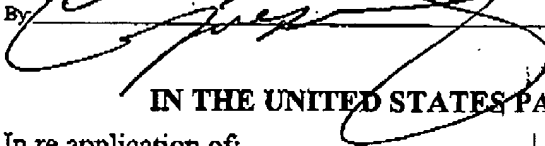
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P.O. Box 1450  
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**AMENDMENT UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE -  
EXAMINING GROUP 2133**

PATENT

Attorney Docket No.: 020945-001510US

On 1/28/05  
TOWNSEND and TOWNSEND and CREW LLP

By 

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Xiaopeng Chen et al.

Application No.: 09/882,283

Filed: June 14, 2001

For: **METHOD FOR ITERATIVE AND  
NON-ITERATIVE DATA  
DETECTION USING REDUCED-  
STATE SOFT-INPUT/SOFT-  
OUTPUT ALGORITHMS FOR  
COMPLEXITY REDUCTION**

Confirmation No. 7871

Examiner: Joseph D. Torres

Technology Center/Art Unit: 2133

**AMENDMENT UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE EXAMINING  
GROUP 2133**

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Sir:

In response to the Final Office Action mailed November 23, 2004 on the above-referenced application, please enter the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 5 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.